Psyc202 Fall 2019
Research Methods in Psychology

PSYCH 202 **T/Th 8:00-9:40 a.m** **H622**

Instructor: Marcus Cappiello
Office: H-735I E-mail: marcuscappiellowork@gmail.com
Office hour: Thursday 10:00am~11:00am

Teaching Assistant:
Vanessa Mendoza
Email: vanessa.mendoza@csu.fullerton.edu

Prerequisites:

Psychology 101 (Intro.) and Psychology 201 (Statistics)

Suggested Textbook/Materials:

Cozby, P.C., & Bates, S.C. (2014). *Methods in behavioral research, 12th ed*. New York, NY: McGraw Hill Higher Education. **Earlier editions also acceptable.**

Publication Manual of the American Psychological Association, 6th ed. (2009). American Psychological Association.

Course objectives and learning goals: This course will introduce you to the fundamentals of psychological research methods. Participation will include conducting experiments (as both participant and experimenter), analyzing data, interpreting results, writing a research report, and critically evaluating published research reports.

Assessment of learning objectives:

Lab/research assignments	20%
Midterm	20%
Final	30%
Term Paper	30%

Lab/research assignments: Various activities will be assigned either during lecture or lab. Some lab assignments may be completed during lab time. Please note that an extra hour is assigned to this class outside of lecture or lab times. This will be utilized for you to perform activities (e.g., collecting data) related to various lab projects or your research report. At the end of the semester, the assignment with the lowest grade will be discarded.

Midterm and Final: There will be a midterm and a final exam to provide evaluation of material learned throughout the semester. The midterm will cover chapters 1 through 8; the final will be cumulative.

202 Research Report: An APA style research report will be due the last day of regular class.

Grading:
Grade cut-offs, in percentages:
A+: 97 A: 93 A-: 90
B+: 87 B: 83 B-: 80
C+: 77 C: 73 C-: 70
D+: 67 D: 63 D-: 60
below 60: F.

Class Attendance: Attendance and participation are necessary for both lecture and lab. If you have to miss a class:

1. Notify the instructor or GA prior to class via phone or email.
2. Know that it is your responsibility to contact another student to obtain missing notes, handouts, and/or assignments.

Late Assignment Policy: All assignments (homework, labs, research reports) are due at the **beginning** of class-time. Late assignments will be accepted on a case-by-case basis. If you know you are going to miss class, turn in your assignments early.

Penalties for academic dishonesty: The penalty for cheating or plagiarism is a zero for the assignment and a potential F in the class. In addition, you may be found guilty of academic misconduct. See www.fullerton.edu/handbook/

Cheating: Cheating in this class is defined as the unauthorized use of books, notes or assistance from another person on quizzes, exams, or course assignments.

Plagiarism: "Plagiarism is defined as the act of taking the work of another and offering it as one's own without giving credit to the source. When sources are used in a paper, acknowledgement of the original author or source must be made through appropriate references, and, if directly quoted, quotation marks or indentations must be used."
http://www.fullerton.edu/senate/pdf/300/ups300-021.pdf

Turnitin: We will be using Turnitin to protect again plagiarism.

Disabilities: Students with disabilities—please let me know so that I may assist you with accommodations. Please also notify the Office of Disability Support Services (UH101, 657.278.3117). See www.fullerton.edu/DSS

Campus Emergency Information is available at the following link:
http://prepare.fullerton.edu

Tentative Schedule:

Week	Topic	Notes
1 (8/27)	Course overview	Ch. 1
2 (9/3)	Hypotheses and ethics	Ch. 2, 3
3 (9/10)	Variables	Ch. 4
4 (9/17)	Experimental methods	Ch. 4
5 (9/24)	Measurement levels Reliability/Validity	Ch. 5
6 (9/31)	Descriptive statistics	Ch. 12
7 (10/8)	Qualitative research	Ch. 6, 7
8 (10/15)	Experimental design	Ch. 8
9 (10/22)	Conducting experiments	Ch. 9 **10/24 - Midterm**
10 (10/29)	Complex designs	Ch. 10
11 (11/5)	Other designs	Ch. 11
12 (11/12)	Inferential statistics	Ch. 13
13 (11/19)	Generalizing results	Ch. 14
14 (11/26)	No Class (Thanksgiving)	
15 (12/2)	Advanced statistics	
16 (12/10)	Review/Wrap up	**Research Proposal Due**
17 (12/17)	Finals Week	() Final

HOW THIS COURSE CONTRIBUTES TO THE PSYCHOLOGY DEPARTMENT'S STUDENT-LEARNING OUTCOMES

In accordance with University policy, the Psychology Department has established a set of Student-Learning Outcomes for the undergraduate program that will help us assess the program's instructional effectiveness. This course covers the outcomes that are checked below, and for each outcome the Mastery Level to be achieved is represented as follows,

I = Introduced.
D = Developed and practiced with feedback.
M = Demonstrated at the mastery level appropriate for graduation.

1. Students can identify appropriate basic research methods to test hypotheses empirically.
Covered X at Mastery Level: I ☐ D ☐ M X

2. Students can apply psychological theory to scientific questions and real-world problems.
Covered X at Mastery Level: I ☐ D ☐ M X

3. Students can find and evaluate relevant literature.
Covered X at Mastery Level: I ☐ D ☐ M X

4. Students can demonstrate proficient writing skills, including scientific writing in APA format.
Covered X at Mastery Level: I ☐ D ☐ M X

5. Students can manage and analyze data using appropriate statistical methods.
Covered X at Mastery Level: I ☐ D ☐ M X

6. Students can analyze psychological research and theory in relation to their own personal development.
Covered X at Mastery Level: I ☐ D ☐ M X

7. Students can identify how diversity impacts individual and social behavior.
Covered X at Mastery Level: I ☐ D ☐ M X

8. Students can employ appropriate ethical principles in psychological settings.
Covered X at Mastery Level: I ☐ D ☐ M X